

Goat anti-TNNI2 (aa83-95) Antibody

Item Number	dAP-2854
Target Molecule	Principle Name: TNNI2 (aa83-95); Official Symbol: TNNI2; All Names and Symbols: TNNI2; troponin I type 2 (skeletal, fast); AMCD2B; DA2B; FSSV; fTnI; fast-twitch skeletal muscle troponin I; troponin I fast twitch 2; troponin I, fast skeletal muscle; troponin I, fast-twitch isoform; troponin I, fast-twitch skeletal muscle isoform; tro; Accession Number (s): NP_003273.1; NP_001139313.1; Human Gene ID(s): 7136; Non-Human GenelD(s):
Immunogen	EVRVQKTSKELED, is from internal region This antibody is expected to recognize both reported isoforms (NP_003273.1; NP_001139313.1). Reported variants represent identical protein: NP_001139301.1, NP_003273.1.
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	Western Blot: Approx 25kDa band observed in Human, Mouse and Rat Skeletal Muscle lysates (calculated MW of 21.3kDa according to NP_003273.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Moran CM, Garriock RJ, Miller MK, Heimark RL, Gregorio CC, Krieg PA. Expression of the fast twitch troponin complex, fTnT, fTnI and fTnC, in vascular smooth muscle. <i>Cell Motil Cytoskeleton</i> . 2008 Aug;65(8):652-61.. PMID: 18548613->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**